

Title (en)

COMPOSITION AND METHOD FOR PRODUCING SHAPABLE IMPLANTS i IN VIVO /i AND IMPLANTS PRODUCED THEREBY

Title (de)

ZUSAMMENSETZUNG UND VERFAHREN ZUR HERSTELLUNG FORMBARER IMPLANTATE IN VIVO UND DADURCH HERGESTELLTE IMPLANTE

Title (fr)

COMPOSITION ET METHODE DE PRODUCTION IN VIVO D'IMPLANTS FACONNABLES ET IMPLANTS AINSI PRODUITS

Publication

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Application

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Priority

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Abstract (en)

[origin: WO02076338A2] The present invention relates to a method for creating shaped implants, such as intraocular lenses <i>in vivo</i> , as well as the novel implants themselves. Utilizing the method of the invention, it is possible to create an implant in vivo and to adjust either the physical properties such as refractive index, viscosity, etc., mechanical properties such as modulus, tensile strength, tear, etc., or the shape of the implant by noninvasive means. For example, using the method of the patent it is possible to create an intraocular lens in vivo and then adjust the shape and power of the lens through no invasion means. The novel implants are also addressed in this application.

[origin: WO02076338A2] The present invention (Figure 1) relates to a method for creating shaped implants, such as intraocular lenses in vivo, as well as the novel implants themselves. Utilizing the method of the invention, it is possible to create an implant in vivo and to adjust either the physical properties such as refractive index, viscosity, etc., mechanical properties such as modulus, tensile strength, tear, etc., or the shape of the implant by noninvasive means. For example, using the method of the patent it is possible to create an intraocular lens in vivo and then adjust the shape and power of the lens through no invasion means. The novel implants are also addressed in this application.

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